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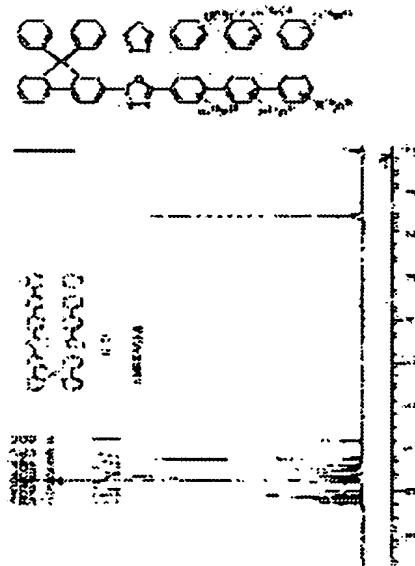
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(54) POLYARYLENE COMPOUND

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain an amorphous polyarylene compound stably exhibiting a pure blue luminescence, indicating a clear glass transition temperature, hardly crystallizing, capable of being subjected to vacuum deposition.

SOLUTION: This polyarylene compound is represented, for example, by formula (1-5) (R13, R14, R15, R16, R17 and R18 are each independently a hydrogen atom, a ≤ 10 C alkyl group, alkyloxy group or alkylamino group; n13, n14, n15, n16, n17 and n18 are each independently an integer of 0 to 5) or the like and has heat stability suitable for vacuum deposition by the selection of the substituent group. The polyarylene compound exhibits a stable blue luminescence and has an excellent utilization value as a luminescent material.



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